



Appendix B. Test Results of Radiated Test

ERP/EIRP

LTE Band 2 / 1.4MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.69	0.1858	28.69	0.7396
Middle		1	3	22.79	0.1901	28.79	0.7568
Highest		1	3	22.36	0.1722	28.36	0.6855
Lowest	16QAM	3	3	22.21	0.1663	28.21	0.6622
Middle		3	3	22.34	0.1714	28.34	0.6823
Highest		3	3	21.85	0.1531	27.85	0.6095
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 3MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	14	22.74	0.1879	28.74	0.7482
Middle		1	14	22.78	0.1897	28.78	0.7551
Highest		1	14	22.34	0.1714	28.34	0.6823
Lowest	16QAM	1	8	22.25	0.1679	28.25	0.6683
Middle		1	8	22.30	0.1698	28.30	0.6761
Highest		1	8	21.96	0.1570	27.96	0.6252
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 5MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	24	22.75	0.1884	28.75	0.7499
Middle		1	24	22.83	0.1919	28.83	0.7638
Highest		1	24	22.30	0.1698	28.30	0.6761
Lowest	16QAM	1	0	22.14	0.1637	28.14	0.6516
Middle		1	0	22.31	0.1702	28.31	0.6776
Highest		1	0	22.17	0.1648	28.17	0.6561
Limit	EIRP < 2W			Result		PASS	



LTE Band 2 / 10MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.71	0.1866	28.71	0.7430
Middle		1	25	22.80	0.1905	28.80	0.7586
Highest		1	25	22.75	0.1884	28.75	0.7499
Lowest	16QAM	1	25	22.20	0.1660	28.20	0.6607
Middle		1	25	22.32	0.1706	28.32	0.6792
Highest		1	25	22.27	0.1687	28.27	0.6714
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 15MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.84	0.1923	28.84	0.7656
Middle		1	37	22.80	0.1905	28.80	0.7586
Highest		1	37	22.80	0.1905	28.80	0.7586
Lowest	16QAM	1	37	22.35	0.1718	28.35	0.6839
Middle		1	37	22.32	0.1706	28.32	0.6792
Highest		1	37	22.22	0.1667	28.22	0.6637
Limit	EIRP < 2W			Result		PASS	

LTE Band 2 / 20MHz (Average) (GT - LC = 6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	49	22.80	0.1905	28.80	0.7586
Middle		1	49	22.77	0.1892	28.77	0.7534
Highest		1	49	22.70	0.1862	28.70	0.7413
Lowest	16QAM	1	0	22.28	0.1690	28.28	0.6730
Middle		1	0	22.24	0.1675	28.24	0.6668
Highest		1	0	22.14	0.1637	28.14	0.6516
Limit	EIRP < 2W			Result		PASS	



LTE Band 4 / 1.4MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	3	22.61	0.1824	27.61	0.5768
Middle		1	3	22.74	0.1879	27.74	0.5943
Highest		1	3	22.69	0.1858	27.69	0.5875
Lowest	16QAM	3	3	22.15	0.1641	27.15	0.5188
Middle		3	3	22.30	0.1698	27.30	0.5370
Highest		3	3	22.24	0.1675	27.24	0.5297
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 3MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	27.55	0.5689
Middle		1	0	22.71	0.1866	27.71	0.5902
Highest		1	0	22.78	0.1897	27.78	0.5998
Lowest	16QAM	1	0	22.08	0.1614	27.08	0.5105
Middle		1	0	22.23	0.1671	27.23	0.5284
Highest		1	0	22.26	0.1683	27.26	0.5321
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 5MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.55	0.1799	27.55	0.5689
Middle		1	0	22.73	0.1875	27.73	0.5929
Highest		1	0	22.88	0.1941	27.88	0.6138
Lowest	16QAM	1	0	22.03	0.1596	27.03	0.5047
Middle		1	0	22.19	0.1656	27.19	0.5236
Highest		1	0	22.40	0.1738	27.40	0.5495
Limit	EIRP < 1W			Result		PASS	



LTE Band 4 / 10MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	25	22.65	0.1841	27.65	0.5821
Middle		1	25	22.72	0.1871	27.72	0.5916
Highest		1	25	22.87	0.1936	27.87	0.6124
Lowest	16QAM	1	25	22.22	0.1667	27.22	0.5272
Middle		1	25	22.24	0.1675	27.24	0.5297
Highest		1	25	22.38	0.1730	27.38	0.5470
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 15MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	37	22.70	0.1862	27.70	0.5888
Middle		1	37	22.75	0.1884	27.75	0.5957
Highest		1	37	22.77	0.1892	27.77	0.5984
Lowest	16QAM	1	74	22.38	0.1730	27.38	0.5470
Middle		1	74	22.13	0.1633	27.13	0.5164
Highest		1	74	22.09	0.1618	27.09	0.5117
Limit	EIRP < 1W			Result		PASS	

LTE Band 4 / 20MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	0	22.59	0.1816	27.59	0.5741
Middle		1	0	22.70	0.1862	27.70	0.5888
Highest		1	0	22.73	0.1875	27.73	0.5929
Lowest	16QAM	1	0	22.29	0.1694	27.29	0.5358
Middle		1	0	22.23	0.1671	27.23	0.5284
Highest		1	0	22.24	0.1675	27.24	0.5297
Limit	EIRP < 1W			Result		PASS	



LTE Band 5 / 1.4MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	3	22.86	0.1932	25.71	0.3724
Middle		1	3	22.79	0.1901	25.64	0.3664
Highest		1	3	22.76	0.1888	25.61	0.3639
Lowest	16QAM	3	3	22.42	0.1746	25.27	0.3365
Middle		3	3	22.33	0.1710	25.18	0.3296
Highest		3	3	22.28	0.1690	25.13	0.3258
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 3MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.78	0.1897	25.63	0.3656
Middle		1	0	22.78	0.1897	25.63	0.3656
Highest		1	0	22.85	0.1928	25.70	0.3715
Lowest	16QAM	1	0	22.28	0.1690	25.13	0.3258
Middle		1	0	22.29	0.1694	25.14	0.3266
Highest		1	0	22.35	0.1718	25.20	0.3311
Limit	ERP < 7W			Result		PASS	

LTE Band 5 / 5MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.81	0.1910	25.66	0.3681
Middle		1	0	22.76	0.1888	25.61	0.3639
Highest		1	0	23.01	0.2000	25.86	0.3855
Lowest	16QAM	1	0	22.31	0.1702	25.16	0.3281
Middle		1	0	22.27	0.1687	25.12	0.3251
Highest		1	0	22.44	0.1754	25.29	0.3381
Limit	ERP < 7W			Result		PASS	



LTE Band 5 / 10MHz (Average) (GT - LC = 5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.85	0.1928	25.70	0.3715
Middle		1	25	22.80	0.1905	25.65	0.3673
Highest		1	25	22.99	0.1991	25.84	0.3837
Lowest	16QAM	1	25	22.41	0.1742	25.26	0.3357
Middle		1	25	22.29	0.1694	25.14	0.3266
Highest		1	25	22.48	0.1770	25.33	0.3412
Limit	ERP < 7W			Result		PASS	



LTE Band 12 / 1.4MHz (Average) (GT - LC = 8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	0	22.68	0.1854	29.03	0.7998
Middle		1	0	22.57	0.1807	28.92	0.7798
Highest		1	0	22.53	0.1791	28.88	0.7727
Lowest	16QAM	3	3	21.87	0.1538	28.22	0.6637
Middle		3	3	22.22	0.1667	28.57	0.7194
Highest		3	3	22.01	0.1589	28.36	0.6855
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 3MHz (Average) (GT - LC = 8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	14	22.67	0.1849	29.02	0.7980
Middle		1	14	22.59	0.1816	28.94	0.7834
Highest		1	14	22.49	0.1774	28.84	0.7656
Lowest	16QAM	1	0	21.96	0.1570	28.31	0.6776
Middle		1	0	22.15	0.1641	28.50	0.7079
Highest		1	0	21.84	0.1528	28.19	0.6592
Limit	ERP < 3W			Result		PASS	

LTE Band 12 / 5MHz (Average) (GT - LC = 8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	12	22.69	0.1858	29.04	0.8017
Middle		1	12	22.69	0.1858	29.04	0.8017
Highest		1	12	22.49	0.1774	28.84	0.7656
Lowest	16QAM	1	12	22.15	0.1641	28.50	0.7079
Middle		1	12	22.17	0.1648	28.52	0.7112
Highest		1	12	21.96	0.1570	28.31	0.6776
Limit	ERP < 3W			Result		PASS	



LTE Band 12 / 10MHz (Average) (GT - LC = 8.5 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	25	22.61	0.1824	28.96	0.7870
Middle		1	25	22.68	0.1854	29.03	0.7998
Highest		1	25	22.48	0.1770	28.83	0.7638
Lowest	16QAM	1	25	22.01	0.1589	28.36	0.6855
Middle		1	25	22.16	0.1644	28.51	0.7096
Highest		1	25	21.98	0.1578	28.33	0.6808
Limit	ERP < 3W			Result		PASS	